

SECTION NO. 90  
MEASUREMENT AND PAYMENT

90-01 MEASUREMENT OF QUANTITIES

The determination of quantities of work acceptably completed under the terms of the contract, or as directed by the engineer in writing, will be made by the engineer and based on measurement taken by him or his assistants. These measurements will be taken according to the United States standard measure. All surface and linear measurements will be taken horizontally unless otherwise shown on plans or specified. Structures shall be measured to the neat lines as shown on the plans, or as ordered in writing by the engineer.

When base course, topsoil, surface course, or any materials are measured by the cubic yard in the vehicle, such measurement shall be taken at the point of delivery. The capacity of all vehicles shall be plainly marked on said vehicle and the capacity or marking shall not be changed without permission of the engineer. The engineer may require all vehicles to have uniform capacity.

90-02 SCOPE OF PAYMENT

The contractor shall accept the compensation, as herein provided, in full payment for furnishing all materials, equipment, labor, and incidentals necessary to complete the work and for performing all work contemplated and embraced under the contract; also for loss or damage arising from the nature of the work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the engineer, and for all risks of every description connected with the prosecution of the work, for all expenses incurred in consequence of the suspension or discontinuance of the work as herein specified, and for any infringement of patent, trade-mark, or copyright; and for completing the work according to the plans and specification. Neither the payment of any estimate nor of any retained percentage shall relieve the contractor of any obligation to make good any defective work or material.

No moneys, payable under contract, or any part thereof, except when the estimate for the first month or period is less than 25% of the total contract, said estimate shall become due and payable if the owner so elects, until the contractor shall satisfy the said owner that he has fully settled or paid for all materials and equipment used in or upon the work and labor done in connection therewith, and the owner, if he so elects, may pay any or all such bills, wholly or in part, and deduct the amount or amounts so paid from any monthly or final estimate.

Evidence of the settlement or payment for such materials and equipment used in or upon the work and labor done in connection therewith, to be furnished to the owner, shall consist of receipted bills or partial waivers of lien for such materials and equipment and a Contractor's Affidavit, on a form furnished by the owner, properly filled out and executed by the contractor.

In the event the surety on any contract or payment bond given by the contractor becomes insolvent, or is placed in the hands of a receiver, or has its right to do business in a State revoked as provided by law, the owner may, at its election, withhold payment of any estimate filed or approved by the engineer until the contractor shall give a good and sufficient bond in lieu of the bond so executed by such surety.

90-03 PAYMENT FOR INCREASED OR DECREASED QUANTITIES

When alterations in the plans or quantities of work not requiring supplemental agreements, as hereinbefore provided for, are ordered and performed, the contractor shall accept payment in full at the contract price for the actual quantities of work done. No allowance will be made for anticipated profits. Increased or decreased work involving supplemental agreements will be paid for as stipulated in such agreements.

#### 90-04 PAYMENT FOR OMITTED ITEMS

The engineer shall have the right to cancel or alter the portions of the contract relating to the construction of any item or items therein by the payment to the contractor of a fair and equitable amount covering all items of costs incurred prior to the date of cancellation, alteration, or suspension of the work by order of the engineer. The contractor shall accept payment in full at the contract unit prices for any work actually performed prior to the date of cancellation, alteration, or suspension of the work by order of the engineer. No allowance will be made for anticipated profits in reimbursements to the contractor for omitted items of work. Acceptable materials ordered by the contractor or delivered on the work prior to the date of cancellation, alteration, or suspension of the work by order of the engineer will be paid for at the actual cost to the contractor and shall thereupon become the property of the owner. The contractor shall submit immediately certified statements covering all money expended in preparation for any omitted item and he shall be reimbursed for any money expended in preparation for work on any omitted item when such preparation has no value to the remaining items of the contract, or for a proportionate amount based on the total contract price over which such preparation would ordinarily be distributed when other items are included in such preparation.

#### 90-05 PAYMENT FOR EXTRA AND FORCE ACCOUNT WORK

All extra work done on a force account basis will be paid for in the manner hereinafter described, and the compensation thus provided shall be accepted by the contractor as payment in full for the use of small tools, superintendent's services, timekeeper's service, premium on bond, and all other overhead expenses incurred in the prosecution of all extra work done on a force account basis. Payment will be made as follows:

- (a) For all materials purchased by the contractor and used in this specific work he will receive the actual cost of such materials including freight charges, as shown by original receipted bills for materials and freight, to which will be added an amount equal to fifteen (15) percent of the sum thereof.
- (b) For all labor, teams, and foremen, engaged in the specific operation, the contractor will receive the wage prevailing and paid on the project for each and every hour that said labor, teams, and foremen are actually engaged in such work, to which will be added an amount equal to (15) percent for the sum thereof. In addition, the contractor shall be paid a sum equal to the workman's compensation insurance premium and the actual cost of Social Security taxes, computed on the base rate for the class of work involved, for the actual amount of the payroll.
- (c) For any machine, power, and equipment which it may be deemed necessary or desirable to use, the contractor will be allowed a reasonable rental price, which will be agreed upon in writing before such work is begun for each and every hour that said machinery or equipment is in use on such work, to which sum or percentage will be added.

The contractor's timekeeper and inspector shall compare records of extra work on a force account basis at the end of each day. Copies of these records shall be made in duplicate by the inspector and shall be signed by both the inspector and the contractor's timekeeper, one copy being forwarded respectively to the engineer and the contractor.

No extra work will be paid for unless unit prices or wages have been agreed upon in writing before such work is started.

Bills for force account work must be sworn to and submitted in triplicate to the engineer with the current monthly estimate.

#### 90-06 PARTIAL PAYMENTS

The engineer will make written estimates of the materials completed in place and the amount of work performed in accordance with the contract during the current period of time between estimates and the value thereof figured at the contract unit prices. From the total of the estimate so ascertained will be deducted an amount equivalent to ten (10) percent of the whole, to be retained by the owner until after the completion of the entire contract in an acceptable manner, and the balance of the sum equivalent to ninety (90) percent of the whole, shall be certified to by the engineer for payment. Estimates will be made monthly or for such longer periods as mutually agreed upon. No estimates except final estimates will be made for a sum less than five hundred dollars (\$500.00). The estimates will be approximate only and all partial or monthly estimates and payments shall be subject to correction in the estimate rendered following discovery of an error in any previous estimates.

Should any defective work or material be discovered, or should reasonable doubt arise as to the integrity of any part of the work completed previous to the final acceptance and payment, there will be deducted from the first estimate rendered after the discovery of such work an amount equal in value to the defective or questioned work, and this work will not be included in a subsequent estimate until the defects have been remedied or the causes for doubt removed.

Upon presentation of certified copies of receipted bills and freight bills the owner at its discretion may include in such monthly estimates, payment for materials that will eventually be incorporated in the project, provided that such material is suitably stored on the site of the project at the time of submission of the estimate for payment. Such material when so paid for by the owner becomes the property of the owner, and in case of default on the part of the contractor, the owner may use or cause to be used by others these materials in construction of the project.

#### 90-07 ACCEPTANCE AND FINAL PAYMENT

Whenever the improvement provided for by the contract shall have been completely performed on the part of the contractor, and all parts of the work have been approved by the engineer, a final estimate showing the value of the work will be prepared by the engineer as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to correction in the final payment. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the contract, will be paid to the contractor as soon as practicable after the final approval of the work, provided the contractor has furnished for the purpose of such improvements have been paid or that the person or persons to whom the same may be due have consented to such final payment.

The contractor shall deliver to the owner a complete release of all liens arising out of this contract, together with an executed Contractor's Affidavit and an executed final Waiver of Lien from all Suppliers and sub-contractors on a form furnished by the owner, before the retained percentage or before the final Request for Payment is paid. If any lien remains unsatisfied after all payments are made, the contractor shall refund to the owner such amounts as the owner may have been compelled to pay in discharging such liens including all costs and a reasonable attorney's fee.

The final payment shall constitute a release and waiver of any and all rights and privileges under the terms of the contract and shall relieve the owner from any and all claims or liabilities for anything done or furnished relative to the work or for any act or neglect on the part of the owner relating to or connected with the contract.

# Ogle County Prevailing Wage for September 2004

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		BLD		21.430	22.430	1.5	1.5	2.0	5.000	7.950	0.000	0.500
ASBESTOS ABT-MEC		BLD		18.950	0.000	1.5	1.5	2.0	2.700	3.350	0.000	0.000
BOILERMAKER		BLD		28.970	31.970	2.0	2.0	2.0	5.770	6.600	0.000	0.210
BRICK MASON		BLD		28.000	30.000	1.5	1.5	2.0	4.800	6.920	0.000	0.350
CARPENTER		HWY		26.050	27.800	1.5	1.5	2.0	4.800	6.330	0.000	0.310
CARPENTER	N	BLD		26.880	29.840	1.5	1.5	2.0	4.800	6.950	0.000	0.600
CARPENTER	S	BLD		24.640	27.350	1.5	1.5	2.0	5.800	6.370	0.000	0.600
CEMENT MASON		ALL		27.000	29.250	1.5	1.5	2.0	4.800	6.730	0.000	0.050
CERAMIC TILE FNSHER		BLD		22.930	0.000	1.5	1.5	2.0	4.800	3.500	0.000	0.320
COMMUNICATION TECH		BLD		26.000	28.000	1.5	1.5	2.0	7.500	7.770	0.000	0.390
ELECTRIC PWR EQMT OP		ALL		26.940	34.540	1.5	1.5	2.0	3.750	7.440	0.000	0.130
ELECTRIC PWR GRNDMAN		ALL		20.970	34.540	1.5	1.5	2.0	3.750	5.760	0.000	0.100
ELECTRIC PWR LINEMAN		ALL		31.980	34.540	1.5	1.5	2.0	3.750	8.850	0.000	0.160
ELECTRIC PWR TRK DRV		ALL		21.640	34.540	1.5	1.5	2.0	3.750	5.950	0.000	0.110
ELECTRICIAN		BLD		31.000	34.200	1.5	1.5	2.0	7.500	9.770	0.000	0.360
ELEVATOR CONSTRUCTOR		BLD		33.820	38.050	2.0	2.0	2.0	6.525	3.150	2.030	0.000
GLAZIER		BLD		26.080	27.080	1.5	1.5	2.0	4.850	5.250	0.000	0.300
ICE/FROST INSULATOR		BLD		26.710	28.040	1.5	1.5	2.0	5.000	6.640	0.000	0.000
IRON WORKER		ALL		29.450	30.920	2.0	2.0	2.0	6.350	13.53	0.000	0.550
LABORER		BLD		21.430	22.430	1.5	1.5	2.0	5.000	7.950	0.000	0.500
LABORER		HWY		20.980	21.730	1.5	1.5	2.0	5.000	7.550	0.000	0.500
LABORER, SKILLED		HWY		22.080	22.830	1.5	1.5	2.0	5.000	7.550	0.000	0.500
LATHER	N	BLD		26.880	29.840	1.5	1.5	2.0	4.800	6.950	0.000	0.600
LATHER	S	BLD		24.640	27.350	1.5	1.5	2.0	5.800	6.370	0.000	0.600
MACHINIST		BLD		34.540	36.290	2.0	2.0	2.0	3.200	4.100	2.380	0.000
MARBLE FINISHERS		BLD		22.930	0.000	1.5	1.5	2.0	4.800	3.500	0.000	0.320
MARBLE MASON		BLD		25.530	25.780	1.5	1.5	2.0	4.800	5.000	0.000	0.320
MILLWRIGHT		BLD		30.350	33.390	1.5	1.5	2.0	3.750	8.150	0.000	0.560
OPERATING ENGINEER		BLD 1		34.050	38.050	2.0	2.0	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		BLD 2		33.350	38.050	2.0	2.0	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		BLD 3		30.900	38.050	2.0	2.0	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		BLD 4		28.900	38.050	2.0	2.0	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		HWY 1		33.900	37.900	1.5	1.5	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		HWY 2		33.350	37.900	1.5	1.5	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		HWY 3		32.050	37.900	1.5	1.5	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		HWY 4		30.500	37.900	1.5	1.5	2.0	5.800	5.100	1.800	0.550
OPERATING ENGINEER		HWY 5		29.150	37.900	1.5	1.5	2.0	5.800	5.100	1.800	0.550
PAINTER		ALL		28.100	29.100	1.5	1.5	1.5	4.850	4.200	0.000	0.250
PILEDRIVER		HWY		26.050	27.800	1.5	1.5	2.0	4.800	6.330	0.000	0.310
PILEDRIVER	N	BLD		27.880	30.950	1.5	1.5	2.0	4.800	6.950	0.000	0.600
PILEDRIVER	S	BLD		25.640	28.460	1.5	1.5	2.0	5.800	6.370	0.000	0.600
PIPEFITTER		BLD		31.800	34.030	1.5	1.5	2.0	5.430	6.130	0.000	0.550
PLASTERER		BLD		27.200	29.920	2.0	2.0	2.0	4.800	6.310	0.000	0.050
PLUMBER		BLD		31.800	34.030	1.5	1.5	2.0	5.430	6.130	0.000	0.550
ROOFER		BLD		31.450	33.450	1.5	1.5	2.0	4.790	2.630	0.000	0.330
SEETMETAL WORKER		BLD		29.690	31.620	1.5	1.5	2.0	4.400	8.850	0.520	0.290
SPRINKLER FITTER		BLD		29.390	30.890	1.5	1.5	2.0	6.100	4.950	0.000	0.250
STONE MASON		BLD		28.000	30.000	1.5	1.5	2.0	4.800	6.920	0.000	0.350
TELECOM WORKER		ALL		21.900	23.400	1.5	1.5	2.0	3.000	2.650	1.430	0.000
TERRAZZO FINISHER		BLD		22.930	0.000	1.5	1.5	2.0	4.800	3.500	0.000	0.320
TERRAZZO MASON		BLD		25.530	25.780	1.5	1.5	2.0	4.800	5.000	0.000	0.320
TILE LAYER	N	BLD		26.880	29.840	1.5	1.5	2.0	4.800	6.950	0.000	0.600
TILE LAYER	S	BLD		24.640	27.350	1.5	1.5	2.0	5.800	6.370	0.000	0.600
TILE MASON		BLD		25.530	25.780	1.5	1.5	2.0	4.800	5.000	0.000	0.320
TRUCK DRIVER		O&C 1		19.388	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER		O&C 2		19.708	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER		O&C 3		19.868	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER		O&C 4		20.068	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER		O&C 5		20.668	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	E	ALL 1		27.500	28.050	1.5	1.5	2.0	4.200	3.100	0.000	0.000

TRUCK DRIVER	E	ALL 2	27.650	28.050	1.5	1.5	2.0	4.200	3.100	0.000	0.000
TRUCK DRIVER	E	ALL 3	27.850	28.050	1.5	1.5	2.0	4.200	3.100	0.000	0.000
TRUCK DRIVER	E	ALL 4	28.050	28.050	1.5	1.5	2.0	4.200	3.100	0.000	0.000
TRUCK DRIVER	N	ALL 1	24.180	24.730	1.5	1.5	2.0	4.350	6.200	0.000	0.000
TRUCK DRIVER	N	ALL 2	24.330	24.730	1.5	1.5	2.0	4.350	6.200	0.000	0.000
TRUCK DRIVER	N	ALL 3	24.530	24.730	1.5	1.5	2.0	4.350	6.200	0.000	0.000
TRUCK DRIVER	N	ALL 4	24.730	24.730	1.5	1.5	2.0	4.350	6.200	0.000	0.000
TRUCK DRIVER	S	ALL 1	24.235	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	S	ALL 2	24.635	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	S	ALL 3	24.835	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	S	ALL 4	25.085	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	S	ALL 5	25.835	0.000	1.5	1.5	2.0	6.500	2.750	0.000	0.000
TRUCK DRIVER	BLD		28.000	30.000	1.5	1.5	2.0	4.800	6.920	0.000	0.350

#### Legend:

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday)  
 OSA (Overtime is required for every hour worked on Saturday)  
 OSH (Overtime is required for every hour worked on Sunday and Holidays)  
 H/W (Health & Welfare Insurance)  
 Pensn (Pension)  
 Vac (Vacation)  
 Trng (Training)

## Explanations

### GLE COUNTY

TRUCK DRIVER (EAST) - That part of the county East of Rt. 251, including all portions of the city of Rochelle, and South of Rt. 72.  
 TRUCK DRIVER (SOUTH) - That part of the county West of Rt. 251 and South of Rt. 72.  
 TRUCK DRIVER (NORTH) - That part of the county North of Route 72.

That part of Ogle County East from the Winnebago County western boundary and North of an imaginary line running east and west located 4 miles north of the city of Oregon.

The following list is considered as those days for which holiday rates of wages for work performed apply:  
 New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

### EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

#### CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

#### COMMUNICATIONS TECHNICIAN

Installing, manufacturing, assembling and maintaining sound and intercom, protection alarm (security), fire alarm, master antenna television, closed circuit television, low voltage control for computers and/or door monitoring, school communications systems, telephones and servicing of nurse and emergency calls, and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with above systems. All work associated with these system installations will be included EXCEPT the installation of protective metallic conduit in new construction projects (excluding less than ten-foot runs strictly for protection of cable) and 120 volt AC (or higher) power wiring and associated hardware.

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - SOUTH

Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vector trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working prepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

#### TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

#### LABORER, SKILLED - HIGHWAY

Individuals engaged in the following types of work, irrespective of the site of the work: asbestos abatement worker, handling of any

materials with any foreign matter harmful to skin or clothing, track laborer, cement handlers, chloride handlers, the unloading and loading with steel workers and re-bars, concrete workers wet, tunnel helpers in free air, batch dumpers, mason tenders, kettle and tar men, tank cleaners, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, laborers with de-watering systems, sewer workers plus depth, rod and chainmen with technical engineers, rod and chainmen with land surveyors, rod and chainmen with surveyors, vibrator operators, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers plus depth, on concrete paving, placing, cutting and tying of reinforcing, deck hand, dredge hand, and shore laborers, bankmen on floating plant, grade checker, power tools, front end man on chip spreaders, cession workers plus depth, gunnite nozzle men, lead man on sewer work, welders, cutters, burners and torchmen, chainsaw operators, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammermen, signal man on crane, concrete saw operator, screedman on asphalt pavers, laborers tending masons with hot material or where foreign materials are used, mortar mixer operators, multiple concrete duct - leadsman, lumen, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, concrete burning machine operator, coring machine operator, plaster tender, underpinning and shoring of buildings, pump men, manhole and catch basin, dirt and stone tamper, hose men on concrete pumps, hazardous waste worker, lead base paint abatement worker, lining of pipe, refusing machine, assisting on direct boring machine, the work of laying watermain, fire hydrants, all mechanical joints to watermain work, sewer worker, and tapping water service and forced lift station mechanical worker.

#### RUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST AND NORTH

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry Trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted

Plane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

#### OPERATING ENGINEERS - BUILDING

Class 1. Assistant Craft Foreman; Craft Foreman; Mechanic; Asphalt Plant; Asphalt Spreader; Autograde; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver; Concrete Placer; Concrete Pump (Truck Mounted); Concrete Tower, Cranes, All, Cranes, Hammerhead, Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Routing Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, one, two and three Drum; Hoists, Two tigger One floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Locomotives, All; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes; Squeeze Cretes-screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Rock Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-form Paver; Straddle Buggies; Tie Back Machine; Tractor with Book and Side Boom; Trenching Machines.

Class 2. Bobcat (over 3/4 cu. yd.); Boilers; Brick Forklift; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Greaser Engineer; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Sewer Dragging Machine; Hoists, Tigger Single Drum; Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Asphalt Spreader; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hydraulic Power Units (Pile Driving and Extracting); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 small Electric Drill Winches; Bobcat (up to and including 3/4 cu. yd.).

Class 4. Hoists, Inside Elevators, Push Button with Automatic Doors; Oilers; Brick Forklift.

#### OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Craft Foreman; Asphalt Plant, Asphalt Heater and Planer combination; Asphalt Heater Scarfire; Asphalt Silo Tender; Asphalt Spreader; Autograde; ABG Paver; Backhoes with Caisson attachment; Ballast Regulator, Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Backhoe w/shear attachments; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Hammerhead, Linden, Peco & Machines of a like nature; Crete Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 2"; Dredges; Field Mechanic-Welder; Formless Curb and Gutter Machine; Gradall and Machines of a like nature; Grader, elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form



Paver; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; GCI Crane; Hydraulic Telescoping form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor with Boom; Tractor-aire with Attachments; Traffic Barrier conveyor machine; Raised or Blind Hole; Trenching Machine; Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Underground Boring and/or Mining Machines; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (less than 1 cu. yd. Backhoe Bucket or over, or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Conveyor Muck Cars (Haglund or Similar Type); Drills, all; Finishing Machine - Concrete; Greaser Engineer; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro Blaster; Laser Screed; All Locomotives, Dinky; Pump Cretes; Squeeze Cretes-Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotory Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of size); Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc. Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers, Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with A" Frame; Work Boats; Tamper - Form-Motor Driven.

Class 4. Air Compressor - Small and Large; Asphalt Spreader, Backend Van; Bobcat (Skid Steer) all; Combination - Small Equipment Operator; Directional Boring Machine up to 12"; Generators - Small 50kw and under; Generators - Large over 50kw; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed total of 300 ft.); Pumps, Well Points; Tract-aire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Oilers and Directional Boring Machine Locator.

#### Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 618/993-7271 for wage rates or clarifications.

landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

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## NOTICE OF AWARD

TO: Fischer Excavating, Inc.  
1567 Heine Road  
Freeport, IL 61032

### PROJECT DESCRIPTION

#### Contract #1 City Lead Track Extension, City of Rochelle, Rochelle, IL

The Owner has considered the BID submitted by you for the above described WORK in response to its Advertisement for BIDS dated October 12, 2004 and Information for Bidders.

You are hereby notified that your BID HAS BEEN ACCEPTED for items in the amount of \$1,086,706.67.

You are required by the information for bidders to execute the Agreement and furnish the required CERTIFICATES OF INSURANCE within ten (10) Calendar Days from the date of the Notice to You.

If you fail to execute said Agreement within ten (10) days from the date of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER'S acceptance of your BID as abandoned. The OWNER will be entitled to such other rights as may be granted by law. You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER.

Dated this \_\_\_\_ day of \_\_\_\_\_, 2004.

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

### ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged by \_\_\_\_\_

\_\_\_\_\_ this, the \_\_\_\_\_ day of \_\_\_\_\_, 2004.

BY: \_\_\_\_\_

Contractor

TITLE: \_\_\_\_\_

## AGREEMENT

THIS AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_, 2003 by and between  
The City of Rochelle, 420 N. Sixth Street, Rochelle, Illinois, hereinafter called the OWNER and  
Fischer Excavating Inc.,

doing business as( an Individual), (Partnership) or-(a corporation) hereinafter called the  
CONTRACTOR.

WITNESSETH; That for and in consideration of the payments and agreements herein after  
mentioned:

1. The CONTRACTOR will commence and complete the construction of **Contract #1, City Lead Track Extension, City of Rochelle, Rochelle, Illinois**
2. The CONTRACTOR will furnish all of the materials, supplies, tools equipment, labor and other services necessary for the construction and completion of the PROJECT described herein.
3. The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within 10 Calendar Days after the date of the NOTICE TO PROCEED and will complete the Section One by February 1, 2005 and the remainder shall be completed by July 1, 2005 unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.
4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$1,086,706.67 or as shown in the BID SCHEDULE.
5. The term "CONTRACT DOCUMENTS" means and includes the following:
  - A.. Proposal
  - B. Notice of Award
  - C. Agreement
  - D. Bonds
  - E. Notice to Proceed
  - F. Change Order
  - G. Drawings prepared by Simmons and Associates P.C., Consulting Engineers, 515 Lincoln Highway, Rochelle, Illinois. and dated September 10, 2003.

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in four (4) parts each of which shall be deemed an original on the date first above written.

OWNER:

(Seal)

City of Rochelle

ATTEST:

Name: \_\_\_\_\_

CONTRACTOR:

(Seal)

By: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

ATTEST:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

## PERFORMANCE BOND

KNOW TO ALL MEN BY THESE PRESENTS: that

Fischer Excavating, Inc.

Name of Contractor

1567 Heine Road, Freeport, IL 61032

Address of Contractor

a Corporation hereinafter called Principal

and

Name of Surety

Address and Telephone Number of Surety

hereinafter called Surety, are held and firmly bound unto the The City of Rochelle  
hereinafter called OWNER, in the penal sum of One Million Eight-Six Thous and Seven  
Hundred Six and 67/100

Dollars (\$1,086,706.67) in lawful money of the United States, for the  
payment of which sum well and truly to be made, we bind ourselves, successors, and assigns,  
jointly and severally, firmly by these present.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the Principal entered into a  
certain contract with the OWNER, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2004, a  
copy of which is hereto attached and made a part of hereof for the construction of:

**CONTRACT #1  
CITY LEAD TRACK EXTENSION  
CITY OF ROCHELLE  
ROCHELLE, IL**

NOW THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the  
undertakings, covenants, terms conditions, and agreements of said contract during the original  
term thereof, and any extensions thereof which may be granted by the OWNER, with or without  
notice to Surety and during the one guaranty period, and if he shall satisfy indemnify and save  
harmless the OWNER from all costs and damages which it may suffer by reason of failure to do  
so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may  
incur in making good any default, then this obligation shall be void; otherwise to remain in full  
force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that  
no change, extension of time, alteration or addition to the terms of the CONTRACT or to the  
WORK to be performed thereunder or the SPECIFICATIONS accompanying the same in any

wise affect its obligation this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the CONTRACT or to the WORK or the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in four (4) counterparts each one which shall be deemed as original, this the \_\_\_\_\_ day of \_\_\_\_\_, 2004.

ATTEST:

_____	By: _____	Principal Contractor
Principal Secretary	_____	
_____	_____	Address
Witness to Principal	_____	
_____	_____	
Address	_____	

(Seal)

ATTEST:

_____	By: _____	Surety
Witness as to Surety	_____	Attorney in Fact
_____	_____	
Address	_____	Address
	_____	
	_____	Telephone Number of Surety

NOTE: Date of BOND must not be prior to date of CONTRACT. If CONTRACTOR is a partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 470 as amended) and be authorized to transact business in the State of Illinois.



## PAYMENT BOND

KNOW TO ALL MEN BY THESE PRESENTS: that

Fischer Excavating, Inc.

Contractor

1567 Heine Road, Freeport, IL 61032

Address

a Corporation hereinafter called the Principal

and

Surety

Address and Telephone of Surety

hereinafter called Surety, are held and firmly bound unto the CITY OF ROCHELLE, ROCHELLE, ILLINOIS hereinafter called OWNER, in the penal sum One Million Eighty-Six Thousand Seven Hundred Six and 67/100

Dollars (\$1,086,706.67) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2004, a copy of which is hereto attached and made a part hereof for the construction of:

### CONTRACT #1 CITY LEAD TRACK EXTENSION ROCHELLE, IL

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in said WORK, and for all labor performed in such WORK whether by SUBCONTRACTORS or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

CONTRACTOR is required to include, in all CONTRACTOR'S BONDS hereunder, a provision guaranteeing the faithful performance of the prevailing wage clause as provided by this Contract.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that

no change, extension of time, alteration or addition to the term of the CONTRACT or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the CONTRACT or to the WORK or the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be satisfied.

IN WITNESS WHEREOF, this instrument is executed in four (4) counterparts each one of which shall be deemed an original, this the \_\_\_\_\_ of \_\_\_\_\_, 2004.

ATTEST:

_____	By: _____	Principal Contractor
Principal Secretary	_____	
_____	_____	Address
Witness to Principal	_____	
_____	_____	
Address	_____	
_____		

(Seal)

ATTEST:

_____	By: _____	Surety
_____	_____	Attorney in Fact
Witness as to Surety	_____	
_____	_____	Address
Address	_____	
_____	_____	

NOTE: Date of Bond must not be prior to date of CONTRACT. If CONTRACTOR is partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's current list (Circular 470 as amended) and be authorized to transact business in the State of Illinois.

**NOTICE TO PROCEED**

TO: Fischer Excavating  
1567 Heine Road  
Freeport, IL 61032

DATE: \_\_\_\_\_  
PROJECT: Contract #1  
City Lead Track Extension  
Rochelle, IL

You are hereby notified to commence WORK in accordance with the AGREEMENT dated \_\_\_\_\_ on or before \_\_\_\_\_ and you are to complete the WORK within \_\_\_\_\_ calendar days thereafter.

\_\_\_\_\_  
Owner

**ACCEPTANCE OF NOTICE**

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by:

\_\_\_\_\_  
Contractor

this the \_\_\_\_\_ day of \_\_\_\_\_ 2004.

\_\_\_\_\_  
By: \_\_\_\_\_

Title: \_\_\_\_\_

## CHANGE ORDER

CHANGE ORDER NO. \_\_\_\_\_

DATE: \_\_\_\_\_

AGREEMENT DATE: \_\_\_\_\_

NAME OF PROJECT: CONTRACT #1, CITY LEAD TRACK EXTENSION CITY OF ROCHELLE - ROCHELLE, ILLINOIS

OWNER: City of Rochelle

CONTRACTOR: \_\_\_\_\_

The following changes are made to the CONTRACT DOCUMENTS:

### Change to CONTRACT PRICE:

Original CONTRACT PRICE: \$ \_\_\_\_\_

Current CONTRACT PRICE adjusted by previous CHANGE ORDER \$ \_\_\_\_\_

The CONTRACT PRICE due to this CHANGE ORDER will be (increased ) ( decreased) by \$ \_\_\_\_\_

The new CONTRACT PRICE including this CHANGE ORDER will be: \$ \_\_\_\_\_

### Change to CONTRACT TIME:

The CONTRACT TIME will be (increased) (decreased) by \_\_\_\_\_ calendar days.

The date for completion of all work will be \_\_\_\_\_ ( date)

### APPROVALS REQUIRED

To be effective this ORDER must be approved by the Flagg Rochelle Park District, if it changes the scope or objective of the PROJECT, or as may otherwise be required by the Supplemental General Conditions.

Requested By: \_\_\_\_\_

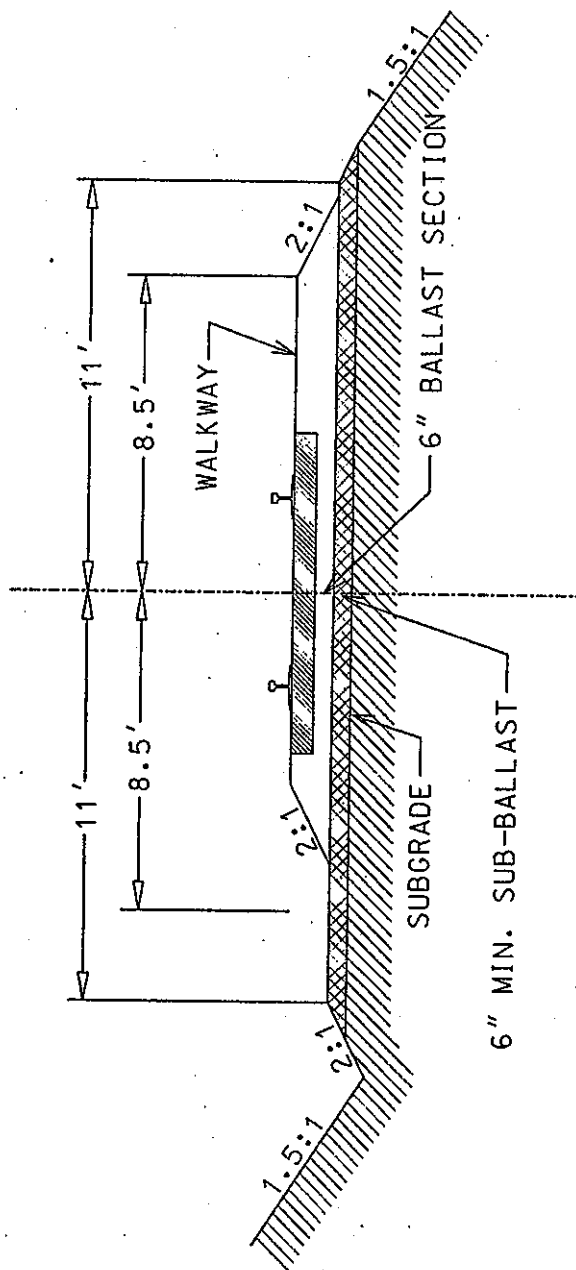
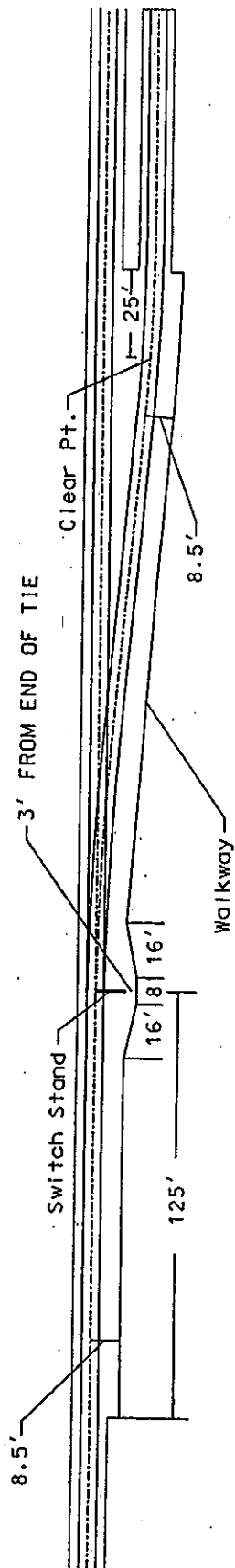
Recommended By: \_\_\_\_\_

Accepted By: \_\_\_\_\_

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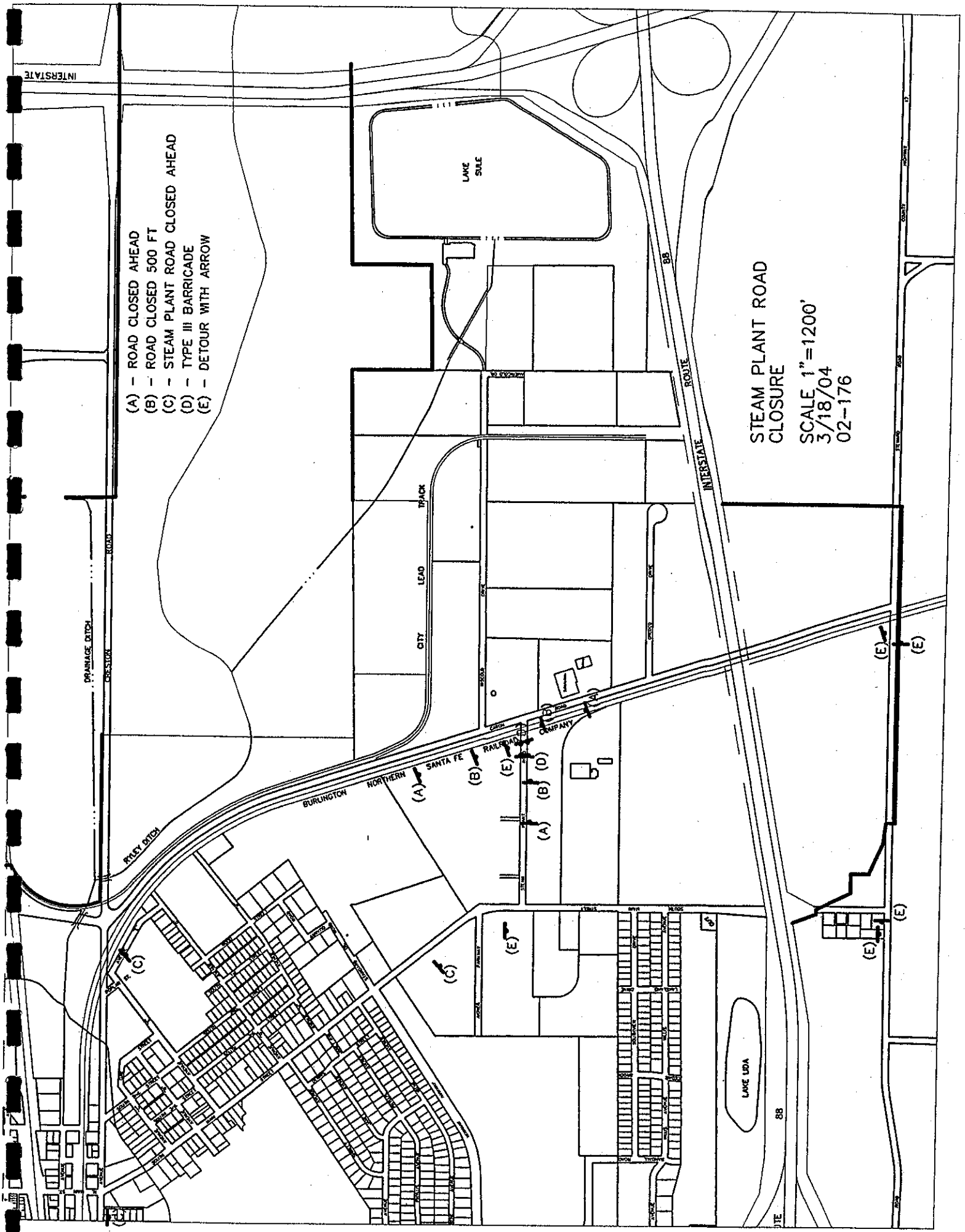
INDUSTRY TRACK STD SECTION  
WITH 8.5' WALKWAY

BNSF ENG SVCS - 10/12/01

- (A) - ROAD CLOSED AHEAD
- (B) - ROAD CLOSED 500 FT
- (C) - STEAM PLANT ROAD CLOSED AHEAD
- (D) - TYPE III BARRICADE
- (E) - DETOUR WITH ARROW

STEAM PLANT ROAD  
CLOSURE

SCALE 1"=1200'  
3/18/04  
02-176



- (A) - ROAD CLOSED AHEAD
- (B) - ROAD CLOSED 500 FT
- (C) - CARON ROAD CLOSED AHEAD
- (D) - TYPE III BARRICADE
- (E) - DETOUR WITH ARROW

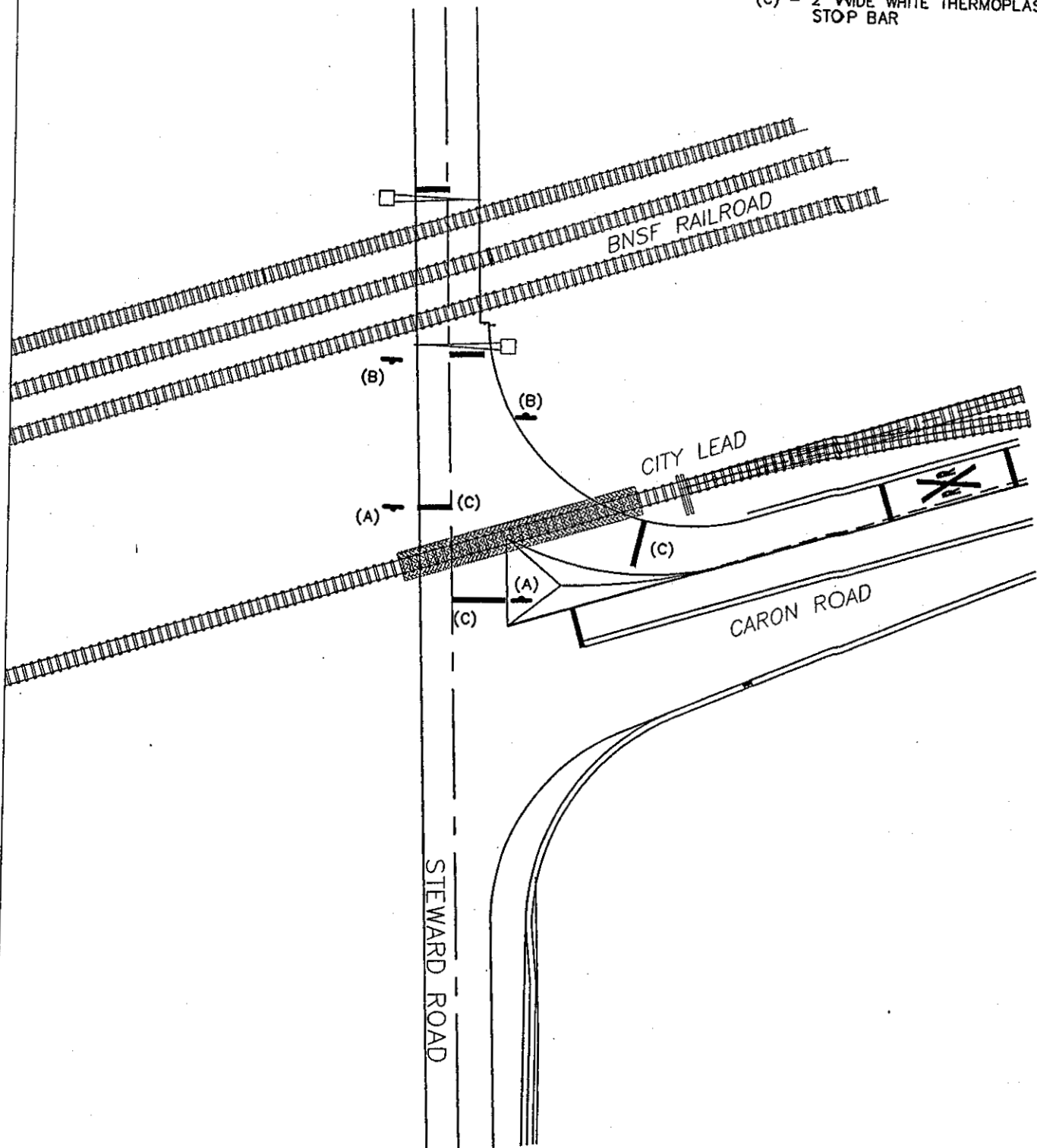
CARON ROAD  
CLOSURE  
SCALE 1"=1200'  
3/18/04  
02-176



- (A) - ROAD CLOSED AHEAD
- (B) - ROAD CLOSED 500 FT
- (C) - STEWARD ROAD CLOSED AHEAD
- (D) - TYPE III BARRICADE
- (E) - DETOUR WITH ARROW

STEWARD ROAD  
CLOSURE  
SCALE 1"=1200'  
3/18/04  
02-176

- (A) - R15-1 / R15-2
- (B) - R8-8
- (C) - 2' WIDE WHITE THERMOPLASTIC STOP BAR



STEWARD ROAD  
SIGNS

SCALE 1"=50'  
3/18/04  
02-176

- (A) - R15-1 / R15-2
- (B) - THERMOPLASTIC SYMBOLS
- (C) - 2' WIDE WHITE THERMOPLASTIC STOP BAR

CARON ROAD

(B)

(A)

(C)

(C)

(A)

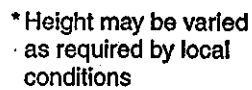
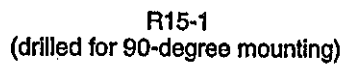
CARON ROAD

(B)

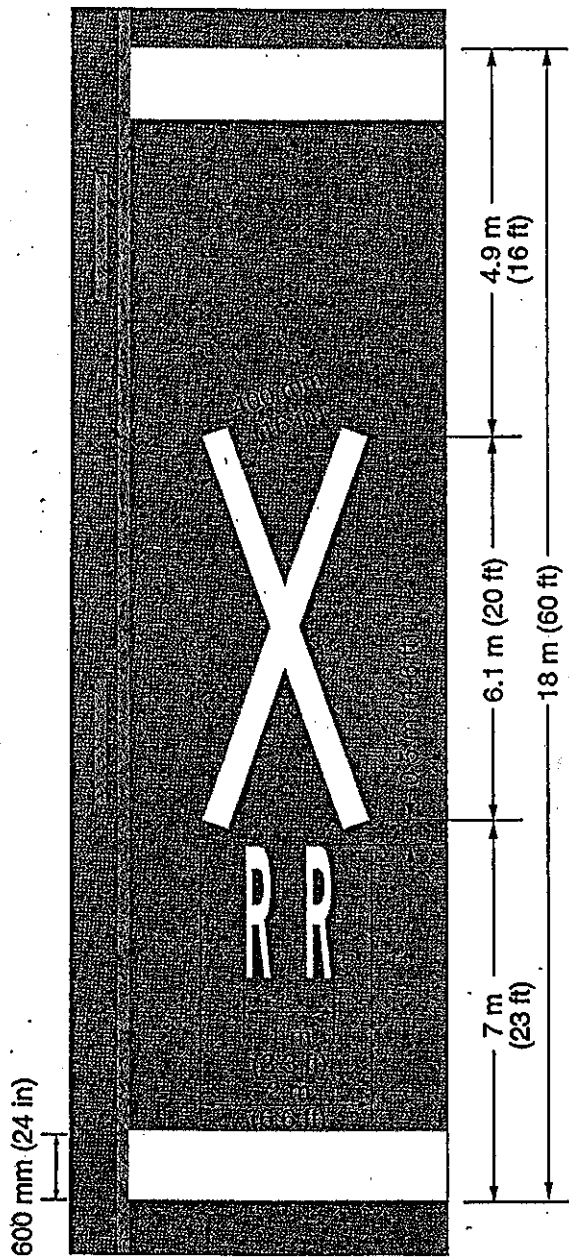
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SIGNS

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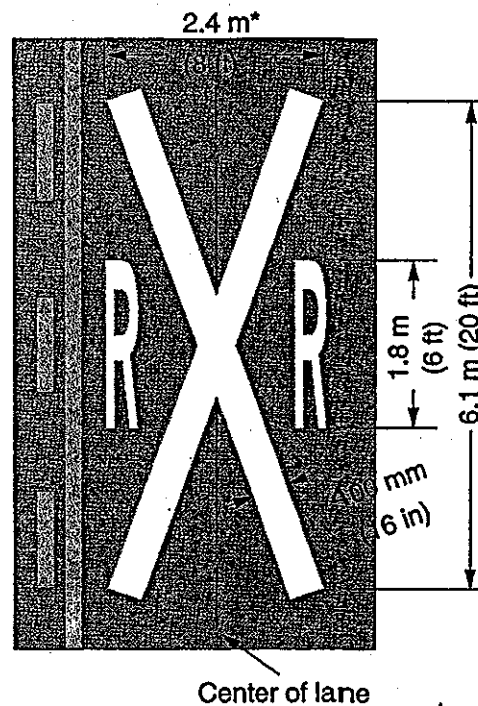
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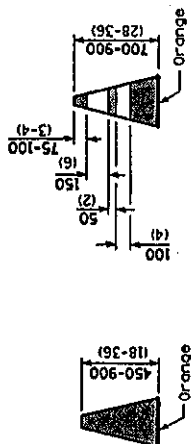
**Figure 8B-3. Typical Highway-Rail Grade Crossing Pavement Markings**



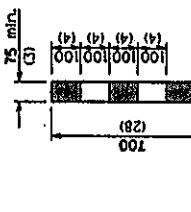
**Highway-rail grade crossing  
alternative (narrow) pavement markings**



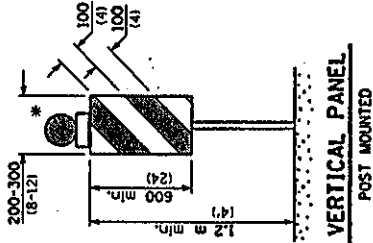
**Highway-rail grade crossing  
pavement markings**



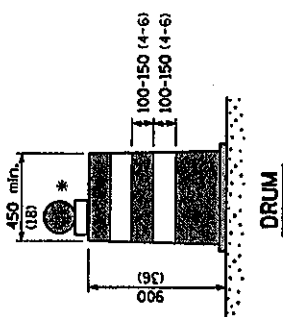
REFLECTORIZED CONE



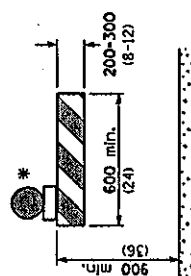
FLEXIBLE DELINEATOR



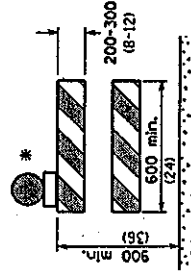
VERTICAL PANEL  
POST MOUNTED



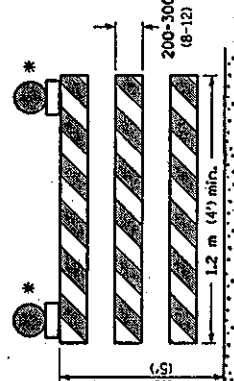
DRUM



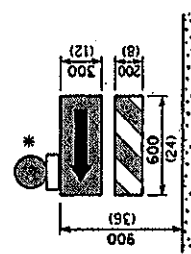
TYPE I BARRICADE



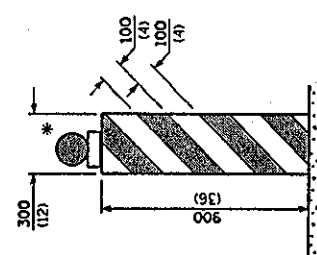
TYPE II BARRICADE



TYPE III BARRICADE



DIRECTION INDICATOR  
BARRICADE



VERTICAL BARRICADE

\* Warning lights (if required)

# GENERAL NOTES

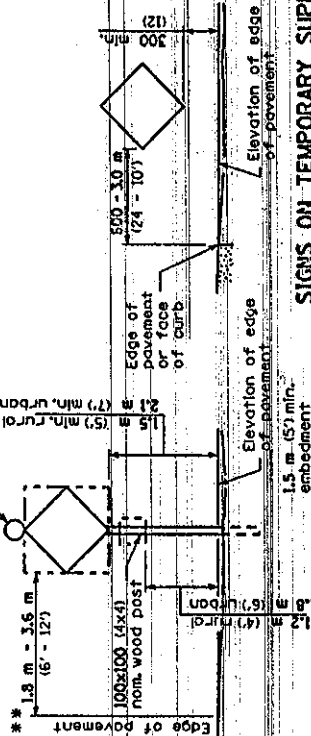
All heights shown shall be measured above the pavement surface.  
All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation	
APPROVED	2003
ENGINEER OF OPERATIONS	2003
APPROVED	2003
CHIEF OF DESIGN AND ENVIRONMENT	2003

DATE	REVISIONS
1-1-03	Rev. devices to meet NCHRP 350.
1-1-01	Added the word limits in Work Limit Signing det.
	Removed tubular marker.

TRAFFIC CONTROL DEVICES	
STANDARD 702001-03	
(Sheet 1 of 3)	

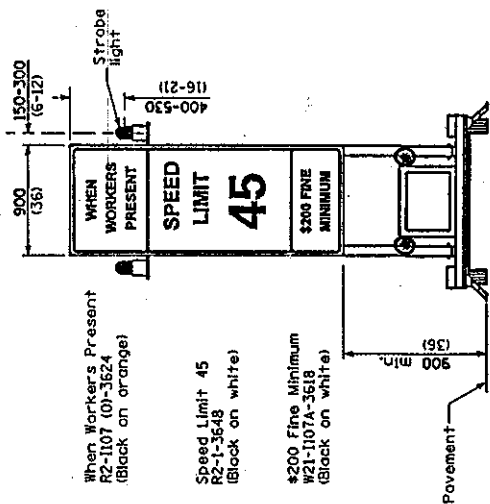
Type A monodirectional flashing light



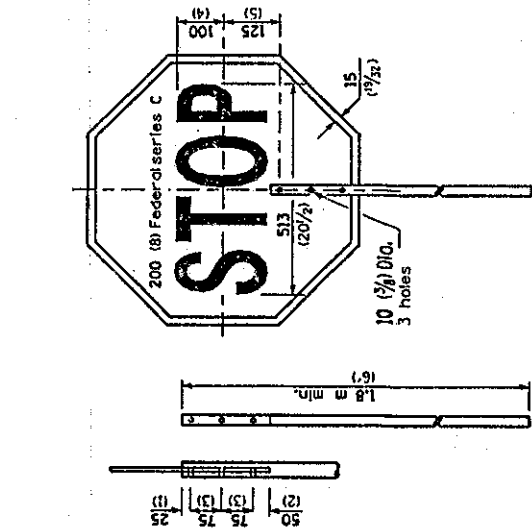
### SIGNS ON TEMPORARY SUPPORTS

### POST MOUNTED SIGNS

\*\* When curb or paved shoulder are present this dimension shall be 600 mm (24") to the face of curb or 1.8 m (6') to the outside edge of the paved shoulder.



### CONSTRUCTION SPEED LIMIT SIGN

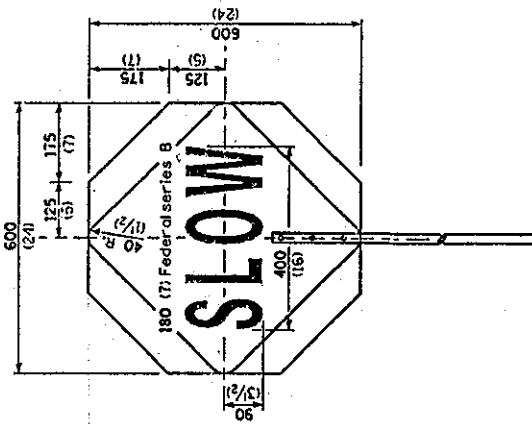


STAFF

FRONT SIDE

REVERSE SIDE

### FLAGGER TRAFFIC CONTROL SIGN

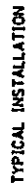


All dimensions are in millimeters (inches) unless otherwise shown.

### TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 702001-03

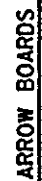


## SECTION A-A



**TRAFFIC CONTROL  
DEVICES**

STANDARD 702001-03



ReflectORIZED striping may be omitted on the back side of the barricades, if a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

### TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

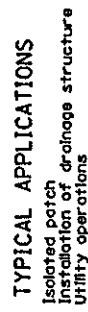
Illinois Department of Transportation

ISSUED 1-4-97

APPROVED January 4, 2003  
ENGINEER OF OPERATIONS  
*Ben Hill*

APPROVED January 4, 2003  
ENGINEER OF DESIGN AND ENVIRONMENT  
*Michael J. Hane*



 Work area

- ♣ Sign
- Flagger with traffic control sign
- I Barricade or drum
- ⚡ Barricade or drum with flashing light
- ⚡ Barricade or drum with steady burning light

**Where at any time, any vehicle, equipment, workers or their activities will encroach in the area between the center line and a line 600 mm (24") from the edge of pavement.**

\* Barricades at 15 m (50') centers for the first 75 m (250') and at no greater than 30 m (100') centers through the remainder of the work area.

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1-1-97	Renum. Standard 2304-10. Deleted orange flags.
5-1-95	Revised 2nd GN. Rev. FLAGGER sign and symbol & borr. w/steedy light to be filled in.

LANE CLOSURE, 2L, 2W, NIGHT ONLY  
ON-RD TO 600 mm (24") OFF-RD  
FOR SPEEDS  $\geq$  45 MPH

**STANDARD 701206**

Illinois Department of Transportation

ISSUED 5-1-97

APPROVED JUNE 1, 1997  
ENGINEER OF ORIGIN *R. J. Jones*

APPROVED JUNE 1, 1997  
ENGINEER OF DESIGN AND ENVIRONMENT *R. J. Jones*